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March 6, 2007

Please hand deliver the following facsimile to:

Name: Dr. Ethan Whisenant

(Art Unit 1634)

Company: United States Patent and Trademark Number of pages (including this page):

Office

Telephone No.: (571) 272-0735

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Re:

Facsimile No.: (571) 273-8300

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From: Yeah-Sil Moon

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Operator's Inidala

944575-999014 CAM No.:

(11281-014-999)

REQUEST FOR CORRECTING TYPOGRAPHICAL ERROR OF AN INVENTOR'S NAME

U.S. Patent Application Serlal No. 10/688,272

Filed: October 17, 2003

Title: METHOD FOR DETECTING BASE MUTATION

Nam-Keun KiM

NOTICE: This communication is intended to be confidential to the person to whom it is addressed, and it is subject to copyright protection. If you are not the intended recipient or the agent of the intended recipient or if you are unable to deliver this communication to the intended recipient, please do not read, copy or use this communication or show it to any other person, but notify the sender immediately by telephone at the direct telephone number noted above.

Dr. Ethan Whisenant:

Per our conversation today, March 6, 2007, please see the attached request for correcting typographical error, Nam-Keun KIM in the spelling of inventor, Nam-Keun KIM, to Nam-Keun KIM and evidencing documents. Thank you very much.

Best regards.

Please call us immediately if the facsimile you receive is incomplete or illegible. Please ask for the facsimile operator.

LAI-2840164v2 944575 - 999014

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T-699 P.002/015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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rank 0 6 2007

Application of: KIM et al.

Confirmation No.: 1815

Application No.: 10/688,272

Group Art Unit: 1634

Filed: October 17, 2003

Examiner: Ethan Whisenant

For:

METHOD FOR DETECTING BASE Attorney Docket No.: 11281-014-999

MUTATIONS

(CAM: 944575-999014)

REQUEST FOR CORRECTING TYPOGRAPHICAL ERROR OF AN INVENTOR'S NAME

Mail Stop Amendment Commissioner for Patents PO BOX 1450 Alexandria, Virginia 22313-1450

Sir:

Applicants respectfully request that the typographical error, Nam-Kenn KIM in the spelling of inventor, Nam-Keun KIM, be corrected to Nam-Keun KIM. The notice of allowance has incorrect name Nam-Kcun KIM. As evidenced in the attached declaration, the correct name is Nam-Keun KIM, not Nam-Keun KIM.

The request for correcting the error was filed in Amendment on November 16, 2005 (see attached pages 2-3). Also submitted herewith are assignment, assignment cover sheet and transmittal letter of filing the application which show the correct name of Nam-Keun KIM. Accordingly, it is respectfully requested that supplemental notice of allowance be issued reflecting the correct spelling of Nam-Keun KIM.

Applicants respectfully request that this document be made of record in the file history of the present application. The Examiner is invited to contact the undersigned with any questions concerning the application.

Respectfully submitted.

Date March 6, 2007

Yeah-Sil Moon

Reg. No. 52,042

for: Anthony M. Insogna

Reg. No. 35,203

JONES DAY 222 East 41st Street

New York, NY 10017-6702

(212) 326-3939

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DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION

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As a below named inventor, I hereby declars that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 ct seq, below, of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR DETECTING BASE MUTATION

and f	or which a patent application:
	is anached hereto and includes amendment(s) filed on (Happleable)
	was filed in the United States on as Application No. (for declaration and notemparties application)
	with among descript(a) filed on (Completeled
	was filed as PCT international Application No. on and was amended under PCT Article 19 on (traplication)
ĭ her	was then as PC1 international Application of the above identified application, including the claims, as amended by any
	Ament referred to show.
T (-	regulator the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal

Regulations, \$1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION							
APPLICATION NUMBER COUNTRY (day, month, year) PRIORITY CLAIMED							
10-2002-0063832	Republic of Korea	18 October 2002	YES Ø	№ 🗆			
10-2003-0061066	Republic of Korea	2 September 2003	YES 🖾	ио 🗆			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL	FILING DATE	STATUS				
APPLICATION SERIAL NO.		PATENTED	PENDING	ABANDONED		
				 		

for use only when the application is assigned to a company, partnership or other organization.

PENNIE & EDMONDS 112 DOCKET NO.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Tide 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

			MODERNAME			
-WY MANGE	LASTNAME	•	Supplies (Vine)			
	KIM	* · · · · · · · · · · · · · · · · · · ·				
	CRTY	STATE OR FORPION COUNTRY				
RESIDENCE &	Gyconggi-do	Korea				
CITALLA	STRUBT	arr	BIAIDOLOGA	ZIP CODE		
1	402-1104 Sibeom Hyundai Apt.	Gyeonggi-do		463-777		
POST OFFICE	Seohyeon-dong, Bundang-gu,		Korea			
ADDRESS	Seongnam-si		DATE .			
	SIGNATURE OF INVENTOR 201	n.				
ļ	namk	un Kim	9 October 2003			
		FRETNAME	MIDDLE NAME			
FULL NAME		Suk-Joon				
OFINVENTUR		STATE OF PORTION COUNTRY	COUNTRY OF CITIZENES	עד		
RESIDENCE &		Korea	Koreau			
CILIXENSHIP		CITY	STATE OR COUNTRY	28P CODB		
		Seoul	Republic of	150-102		
DOWN OFFICE	Vengnyeong-dong 2-ga.	5004	Korea			
	Yeongdeungpo-gu					
	SIGNATURE OF INVENTOR 103		DATÉ			
:	SI_{II}	1600	9 October 2003			
<u> </u>	- My - C	DESCRIPTIONS	MIDDLE NAMB			
FULL NAME						
OF INVENTOR			COLDITAL OF CITIZENSHIP			
RESIDENCE &			Korean			
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POST OFFICE	<u> </u>	Seoul	Korea	130-145		
ADDRESS			DATE			
	SKINATURE OF INVENTURE 200			•		
	1 Apologue			<u> </u>		
THE NAME	LAST NAME	FIRST NAME	MUDDLE NAME			
	KIM	Eum-Ok				
	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CLITZEN	2007		
	Scoul	Korea	Korean			
	STREET	CITY	1	ZIP CODB		
BOOM OFFICE	21-908 Shindong-a Apt., Banshak 3-	Seoul	Republic of	132-739		
ADDRESS	dong, Dobong-gu		Korea			
		· · · · · · · · · · · · · · · · · · ·	DATE			
<u></u>	SIGNATURE OF INVENTOR 204					
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PENNIE & EDMONDS LL DOCKET-NO.

		LAST NAME	FIRST NAME	BMANGLICOTH	
	FULL NAME		Myung-Soon		
	OF INVENTOR	MOON	STATE OR PORBION COUNTRY	COUNTRY OF CITIZENSH	IP.
	RESIDENCE &	CITY CONT	Korea	Korean	
Į	CITIZENSHIP	Seoul	CITY	STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	#551-24 Suyu 6-dong, Gangbuk-gu	Scoul	Republic of Korca	142-882
L	ADDRESS	SIGNATURE OF INVENTOR 204		DATE	
		Borbert,		9 October 2003	
			PIRET NAME	MIDDLENAME	
}	FULL NAME	LASTNAMI	Wang-Don		
	OF INVENTOR	Y00	STATE OF POSESSEN COUNTRY	COUNTRY OF CUTIZENS	EUP .
2	RESIDENCE &	СПУ		Korean	
0	CITIZENSHIP	Gyeonggi-do	Korea	STATE OF COLDITAL	ZIP CODS
6	POST OFFICE	303-804 Jangseong Macul, #2234 Daehwa-dong, Ilsan-gu, Goyang-si	Gyeonggi-do	Republic of Korea	411-707
	ADDRESS			DATS	
		SKINATURE OF INVENTOR 201		9 October 200	3
		LAST NAME	FIRST NAME	MIDDLE NAME	•
	OF INVENTOR	LEE	Chang-Hong		
		CITY	STATE OR POLISION COUNTRY	COUNTRY OF CUTZEN	str.
2	RESIDENCE &	Seoul	Korea	Korean	
7	CHITCENSTIP	STREET	CITY	STATE OR COUNTRY	ZIP CODE
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	ADDRESS	SPECIAL TRIPLE OF DRIVENTOR 204		DATE	
		o/ 10 %		9 October 200	3
	THE LANGE	LAST NAME	FIRST MAMB	MODERNAME	
	FULL NAME OF INVENTOR	CHUNO	Hyun-Jae		
		COTT	STATE OR POBLICH COUNTRY	социтку ся сттав	ISHIP
2	RESIDENCE & CITIZENSHIP	Gyeonggi-do	Korea	Korean	
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	POST OFFICE	101-106 Ssangyong Apt., Dang- dong, Gunpo-si	Gyeonggi-do	Republic of Korea	435-010
ĺ		SKINATURE OF INVENTOR 204	1.	DATE	
		\ \X\	ΔI	9 October 20	03
		LAST NAME	IRST NAME	MIDDLE NAME	
	FULL NAME OF INVENTOR		Mi-Sun	·	
		CTV	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZE	NSRIP
2	RESIDENCE &	.	Korea	Korean	
9	CHIZENOILE	RIPERI	СПУ	STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	1	Seoul	Republic of Korea	142-868
	,			DATE	
		SICOLATURE OF DIVENTOR 204			

PENNIE & FIDMONDS LL. DOCKET NO.

	FULL NAME	LAST NAME	FIRST NAME	MEDDLENAME		
	OF INVENTOR	HWANG	Seong-Gyll BEATE OR FOREBON COUNTRY	COUNTRY OF CITZENSI		
2	RESIDENCE &	CITY	Korea	Korean		
1 0	CTTIZENSHIP	Scoul	CTTY	STATE OR COUNTRY	ZZP CODÉB	
	POST OFFICE ADDRESS	134-1601 Olympic Seonsuchon Apt., Bangi-dong, Songpa-gu	Seoul	Republic of Korea	138-050	
		SIGNATURE OF INVENTOR 204	T. Hwang	9 October 2003		
	FULL NAME OF INVENTOR	LAST NAME HONG	Sun-Pyo			
2	RESIDENCE & CITIZENSHIP	CITY	STATE OR FORMIGN COUNTRY Korea	Korean		
i	FOST OFFICE 5-301 Samik Apt., Bangbae 3-d		Scoul	Republic of Korea	237-COD2 137-754	
	ADDRESS	SIGNATURE OF RIVENTOR 204		9 October 200	3	



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Application of: KIM et al.

Confirmation No.: 1815

Application No.: 10/688,272

Group Art Unit: 1634

Filed: October 17, 2003

Examiner: O'Farrell, Thomas John

METHOD FOR DETECTING BASE Attorney Docket No.: 11281-014-999

MUTATIONS

(CAM: 944575-999014)

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment Commissioner for Patents PO BOX 1450 Alexandria, Virginia 22313-1450

Sir/Madam:

In response to the Office Action mailed October 17, 2005 in connection with the aboveidentified patent application, please consider the following remarks. Although Applicants believe that no fee is due for the filing of this Response, the Commissioner is hereby authorized to charge any fee(s) deemed due to Jones Day Deposit Account No. 503013.

Amendments to the list of inventors begins on page 2 of this paper.

Remarks begin on page 3 of this paper.

In the list of inventors:

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Please correct "Nam-Keun Kim" to "Nam-Keun Kim".

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REMARKS

The list of inventors has been changed to correct a typographical error. The first inventor's name has been corrected from "Nam-Keun Kim" to "Nam-Keun Kim". Pursuant to M.P.E.P. 605.04(b), a new Declaration is not needed.

Claims 1-16 are pending in the application. The Examiner has required restriction of the pending claims under 35 U.S.C. § 121 to one of the following groups:

- 1. Claims 1-11, drawn to a method of detecting a mutation; and;
- II. Claims 12-16, drawn to oligonucleotide primers for detection of a mutation.

The Examiner contends that the inventions of Groups I and II are distinct, each from the other.

Applicants hereby provisionally elect, with traverse, to prosecute the invention of Group I, claims 1-11.

Applicants submit that the claims of Groups I and II should be examined together. Restriction is not proper where the inventions are not independent, that is, where there is a disclosed relationship between them. Manual of Patent Examining Procedure (M.P.E.P.) 806. The disclosed relationship between the claimed method and the claimed primers is that the primers have the structure required to accomplish the method, that is, the primers comprise two primer binding sites and a restriction endonuclease restriction site.

The Examiner restricts the claims of Group I and Group II because "the polynucleotide products of group 2 can be used to encode polypeptides, which are not required to practice the methods of group 1." Office action, at page 4. However, M.P.E.P. 806.05(h) allows such restriction only where "the product as claimed can be used in a materially different process of using that product." Currently-pending claim 12, the sole independent primer claim, reads as follows:

binding sequence, a restriction enzyme recognition sequence, and a second primer binding sequence, wherein a polymicleotide fragment that is amplified using said primer, and is cleaved by two or more restriction endonucleases that recognize said restriction enzyme recognition sequence, comprises a mutation sequence, and wherein the size of said fragment is from 2 to 32 nucleotides in length.

The primers of claims 12-16 are claimed as primers, particularly primers that are essential to the method of claims 1-11. They are not claimed as general nucleic acid sequences from which proteins may be expressed. As such, restriction between the primers, as claimed, and the methods of using them, is not appropriate. Moreover, because the

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claimed primers are constructed to accomplish the claimed method, a search for, e.g., art disclosing primers having the same structure, would necessarily identify art relating to the method of using those primers. Applicants therefore respectfully request that the election requirement be withdrawn, and that the Examiner examine all claims together.

The Examiner has further required a species election of a first restriction endonuclease and a second restriction endonuclease in claims 6 and 7. Applicants provisionally elect Fok I as the first restriction endonuclease and Bst F5 I as the second restriction endonuclease. Elected claims readable on these species are claims 1-11. Applicants reserve the right to have claims drawn to the remaining species examined when a generic claim is allowed.

Applicants respectfully request that the present remarks be made of record in the file history of the present application. An early allowance of the application is earnestly requested. The Examiner is invited to contact the undersigned with any questions concerning the application.

.

Date November 16, 2005

Lawrence S. Graham for: Anthony M. Insogna

Respectfully submitted,

Reg. No. 49,020 Reg. No. 35,203

JONES DAY

222 East 41st Street

New York, NY 10017-6702

(212) 326-3939

From-

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ASSIGNMENT

912127557306

WHEREAS, WE, Nam-Keun KIM; Suk-Joon KIM; Soo-Ok KIM; Eun-Ok KIM; Myung-Soon MOON;

WHEREAS, WE, Nam-Keun KIM; Suk-Joon KIM; Soo-UK KIM; Sun-Ok KIM; Mying-Soon Moon, Wang-Don YOO; Chang-Hong LEE; Hyun-Jac CHUNG; Mi-Sun JEE; Seong-Gyu HWANG; Sun-Pyo HONG, ASSIGNORS, citizens of Republic of Korea, residing at 402-1104 Sibeom Hyundai Apt, Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-777 Republic of Korea; 103-1101 Bycoksan Apt., #23 Yangpycong-dong 2-ga, Yeongdaungpo-gu, Seoul 150-102 Republic of Korea; 6-601 Kukdong Apt., #192 Garak 2-dong, Songpa-gu, Seoul 138-Yeongdaungpo-gu, Seoul 150-102 Republic of Korea; 6-601 Kukdong Apt., #192 Garak 2-dong, Songpa-gu, Seoul 138-Yeongdaungpo-gu, Seoul 160-102 Republic of Korea; #551-

743 Republic of Korea; 21-908 Shindong-a Apt., Banghak 3-dong, Dobong-gu, Seoul 132-739 Republic of Korea; #531-24 Sayu 6-dong, Gangbuk-gu, Seoul 142-882 Republic of Korea; 303-804 Jangseong Maeul, #2234 Dachwa-dong, Ilsangu, Goyang-si, Gyeonggi-do 411-707 Republic of Korea; 101 Satuik Villa 1-cha, #152-1 Dogok-dong, Gangnam-gu, Seoul 135-270 Republic of Korea; 101-106 Ssangyong Apt., Dang-dong, Gunpo-si, Gyeonggi-do 435-010 Republic of Korea; 4F., #466-28 Beon-dong, Gangbuk-gu, Seoul 142-868 Republic of Korea; 134-1601 Olympic Seonsuchon Apt., Bangi-dong, Songpa-gu, Seoul 138-050 Republic of Korea; 5-301 Samik Apt., Bangbae 3-dong, Seocho-gu, Seoul 137-754 Republic of Korea, are the inventors of the invention in METHOD FOR DETECTING BASE MUTATION for which we have executed an application for a Patent of the United States
☐ which is executed on ☐ even date herewith or ☐
which is identified by Pennie & Edmonds LLP docket no.
which was filed on , Application No.
☐ I hereby authorize and request my attorney, , of Pennie & Edmonds, ILP, , to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
and WHERBAS, GENEMATRIX INC., a corporation organized and existing under the laws of Republic of Korea, and having its principal offices at 8F. Cancer Research Institute, College of Medical. Secul National University, 28 Yongondong, Chongno-gu, Secul 110-799 Republic of Korea, ASSIGNER is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obmin and emforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date October 9th 2003 Namkeum KIM L.S.

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_L.S.

October 9th

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L.S.

October 9th 2003 Date_

Eug-Ok KIM

October 9th Date_

野砂花 Myung-Soon MOON

2003

Wang-Bon YOO

October 9th 2003

Chang-Hong LEF

October 9th 2003 Hyun-Jae Of

October 9th , 2003 Mi-Sun JEE

October 9th , 2003

, 2003 October 9th

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T-699 P.013/015 F-258

Express Mail No. EV 335 857 358 US , Jet RECORDATION FORM COVER SHEET Attorney Docket Number PATENTS ONLY 11281-014-999 Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ics): Nam-Keun KIM, Suk-Joon KIM, Soo-Ok KiM, Bun-Ok KIM, Myung-Soon MOON, Wang-Don YOO, Chang-Hong LEE, Hyun-Jae CHUNG, Mi-Sun IBE, Seong-Gyu HWANG, Sun-Pyo HONG Name: Genematrix Inc. 8P. Cancer Research Institute Address: Additional name(s) of convoying party(ies) attached?

Yes College of Medical Scoul National University 28 Yongon-dong, Chongno-gu 3. Nature of conveyance: Semil 110-799 ☑ Assignment Merger Republic of Korea Country (if other than USA): Change of Name Security Agreement Other Execution Date: October 9, 2003 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: October 9, 2003 B. Patent No.(s) To be assisted A. Parent Application No.(s) To be essigned ⊠ No Additional numbers attached?

Yes 5. Name and address of party to whom correspondence Number of applications concerning document should be mailed: and patents involved: PENNIE & EDMONDS LLP .\$ 40.00 7. Total fee (37 CFR 3.41):..... Please charge to the deposit account listed in Section 8. 1155 Avenue of the Americas New York, New York 10036-2711 8. Deposit account number: 16-1150 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached capy is a true copy of the original document. For: Anthony M. Insogna 35.203 By: Lawrence S. Graham Name of Person Signing Total number of pages including cover sheet:

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Serviers
Director of the United States Fatent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new acomprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	11281-014-999	Total Pages	64						
First Named Inventor or Application Identifier									
Nam-Keun KIM									
Express Mail Label No.	EV 335 857 358 U	S							

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	APPLICATION ELEMENTS See MPEP chapters 600 concerning utility patent application contents.			Commissioner for Patents P.O. Box 1450 Address to: Mail Stop PATENT APPLICATION Alexandria, VA 22313-1450						
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		application, see 37	CFR 1.63(d)(2) and	1.35(0).	16.	musi	attach form PTO/SB/	35 or it's	equivalent	(i) uhhin-min
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PENNIE & EDMONDS LO

COUNSELORS AT LAW 1155 Avenue of the Americas New York, New York 10036-2711

ATTORNEY DOCKET NO. 11281-014-999

Date: October 17, 2003

Commissioner for Patents P.O. Box 1450 Mail Stop PATENT APPLICATION Alexandria, VA 22313-1450

Sir:

The following utility patent application is enclosed for filing:

Applicant(s):

Nam-Keun KIM et al.

Executed on:

October 17, 2003

Title of Invention:

METHOD FOR DETECTING BASE MUTATION

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE	
Total Claims	16	- 20	0	\$18.00 each	\$	0
Independent	3	- 3	0	\$86.00 each	\$	0
Minimum Fee					\$	770
	Multiple Dependency Fee If Applicable (\$290.00)				\$	0
				Total	\$	770
Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					\$	385
	•			Total Filing Fee	\$	385

- DO NOT PUBLISH. I hereby cartify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- [x] Priority of Korean application no. 10-2002-0063832 filed on October 18, 2002, and Korean application no. 10-2003-0061066, filed September 2, 2003 are claimed under 35 U.S.C. § 119.
- [] The certified copy of the priority application has been filled in application no. filed on .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

For: Anthony M. Insogna

35,203 Reg No.

By: Lawrence S. Graham

49,020

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Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.

NYZ: 1473006.1